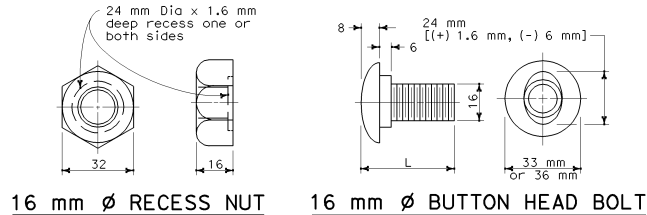
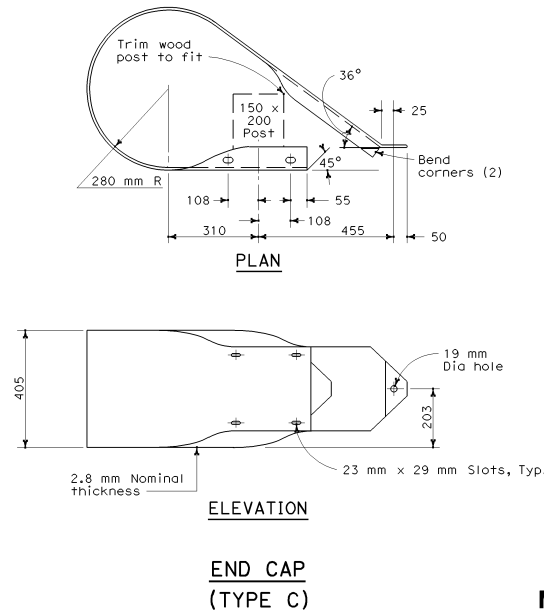
**NOTES**

1. Flat plate washer detail has been deleted.
2. Slotted hole for bolted connection of rail element to block and post.
3. Slotted holes for splice bolts to overlap ends of rail element.



L	THREAD LENGTH
35 mm	full thread length
50 mm	full thread length
255 mm	100 mm Min thread length
460 mm	100 mm Min thread length
**70 mm	50 mm Min thread length
**480 mm	100 mm Min thread length

**For nested rail applications.



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**METAL BEAM GUARD RAILING
STANDARD HARDWARE**

NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

A77B1

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL SHEETS
Ellis K. Hirst REGISTERED CIVIL ENGINEER July 1, 2004 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet. To get to the Caltrans web site, go to: http://www.dot.ca.gov				

REGISTERED PROFESSIONAL ENGINEER
 Ellis K. Hirst
 No. C17926
 Exp. 6-30-05
 CIVIL
 STATE OF CALIFORNIA